

WEST Search History

DATE: Monday, September 16, 2002

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
L26	brace root color green and silk color yellow	2	L26
L25	brace root color green and anther color purple	1	L25
L24	silk color yellow	12	L24
L23	anther color purple and silk color yellow	0	L23
L22	kernel crown color bright yellow	0	L22
L21	L20 and cob color white	5	L21
L20	brace root color green	24	L20
L19	kernel body color dark yellow	0	L19
L18	kernel crown color bright yellow	0	L18
L17	shoots at flowering bald	0	L17
L16	glume ring color yellow	1	L16
L15	l11 and l3	28	L15
L14	L19 and l11	0	L14
L13	g4901 and (corn or maize)	0	L13
L12	L11 and l9 and l7 and l4 and l2	0	L12
L11	L10 and (corn or maize)	83	L11
L10	cob color adj5 white	83	L10
L9	L8 and (corn or maize)	21	L9
L8	anther color adj5 purple	30	L8
L7	L6 and (corn or maize)	1	L7
L6	glume color adj5 green/purple	1	L6
L5	shoots at flowering adj5 bald	0	L5
L4	L3 and (corn or maize)	72	L4
L3	silk color adj5 yellow	72	L3
L2	L1 and (corn or maize)	25	L2
L1	brace root color adj5 green	25	L1

END OF SEARCH HISTORY

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1649axm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
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Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:25:19 ON 16 SEP 2002

=> file agricola biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'AGRICOLA' ENTERED AT 09:25:30 ON 16 SEP 2002

FILE 'BIOSIS' ENTERED AT 09:25:30 ON 16 SEP 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

=> s silk color (10w) yellow]
L1 1 SILK COLOR (10W) YELLOW]

=> s silk color (10w) yellow
L2 1 SILK COLOR (10W) YELLOW

=> d ti

L2 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Evolution of predator-prey systems: Spider foraging plasticity in response to the visual ecology of prey.

=> s glume ring color adj5 yellow
L3 0 GLUME RING COLOR ADJ5 YELLOW

=> s glume ring color (10w) yellow
L4 0 GLUME RING COLOR (10W) YELLOW

=> s anther color (10w) purple
L5 3 ANTHOR COLOR (10W) PURPLE

=> dup rem l5
PROCESSING COMPLETED FOR L5
L6 2 DUP REM L5 (1 DUPLICATE REMOVED)

=> d 1-2 ti

L6 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
TI Phenotypic diversity for qualitative and phenologic characters in germplasm collections of tef (Eragrostis tef.

L6 ANSWER 2 OF 2 AGRICOLA DUPLICATE 1
TI Sex ratios and inheritance of anther and stigma color in diploid buffalograss.

=> s cob color (10w) white
L7 1 COB COLOR (10W) WHITE

=> d ti

L7 ANSWER 1 OF 1 AGRICOLA
TI Inheritance of popping volume and associated characters in crosses between popcorn and dent corn.

=> d ab

L7 ANSWER 1 OF 1 AGRICOLA
AB The primary purpose of this study was to transmit by backcrossing lodging resistance of dent corn to popcorn. The segregating populations from a

series of these crosses were used to study popping volume and kernel starchiness. From the analysis of the data obtained in this study, the following summary and conclusions are made: 1. Low popping volume was partially dominant over high popping volume in crosses between inbred lines of dent and popcorn. 2. It was necessary to backcross twice to the recurrent popcorn parent to recover popping volume equal to that of the popcorn parent. A small portion of the BC1 generation exhibited popping volumes almost as high as those of the popcorn parent. These data suggest that popping volume is sufficiently simple in its mode of inheritance to permit recovery of desired genotypes in backcrosses using dent corn as the nonrecurrent parent. 3. Some inbred lines of popcorn were superior to others in transmitting popping volume and popcorn type ears to their progeny. 4. Ear size in the BC2 generation was increased to almost twice the average size of the inbred popcorn parent. 5. The dent characteristics of the ears (prevalence of soft starch and indentation of the kernel) were partially dominant over the flinty character of popcorn. Selection of ears with flinty type kernels was effective in reducing starchiness in backcross populations to popcorn parent. 6. There was evidence of relationship between popping volume and the kernel starchiness as shown by significant correlation coefficients in the backcross to the recurrent popcorn parent. 7. A higher proportion of ears with white cobs was found in the flinty types and a higher proportion with red cobs occurred in the denty types, suggesting an association of starchiness with cob color. 8. White cob ears with the same degree of kernel starchiness as those with red cobs tended to have higher popping volumes. These data indicate a three-fold relationship between cob color, starchiness, and popping volume and suggest that some genes for popping volume may be on chromosome 1.

=> d so

L7 ANSWER 1 OF 1 AGRICOLA
 SO Agronomy journal, May 1949. Vol. 41, No. 5. p. 207-212
 Publisher: Madison, Wis. : American Society of Agronomy, [1949-
 CODEN: AGJOAT; ISSN: 0002-1962

=> s brace root color (10w) green
 L8 0 BRACE ROOT COLOR (10W) GREEN

=> s g4901 and (corn or maize)
 L9 0 G4901 AND (CORN OR MAIZE)

=> s shoots at flowering (10w) bald
 L10 0 SHOOTS AT FLOWERING (10W) BALD